

AMENDMENTS TO THE CLAIMS:

This listing of claims will replace all prior versions, and listings of claims in the application:

LISTING OF CLAIMS:

1-26. (cancelled).

27. (new) An information recording apparatus for recording record information onto an information recording medium, the information recording medium comprising (i) a first recording layer having a first calibration area in which test information for calibrating a power of laser light can be recorded; and (ii) a second recording layer having a second calibration area in which the test information can be recorded and which is located on a radial position where the first calibration area is located, said information recording apparatus comprising:

a first recording device for recording the record information, along a direction from an inner circumferential side of the information recording medium to an outer circumferential side of the information recording medium, into the first recording layer;

a second recording device for recording the record information, along a direction from the outer circumferential side to the inner circumferential side, into the second recording layer;

a judging device for judging whether the first and second calibration areas have a space area having a predetermined size in positions facing each other;

a first calibrating device for calibrating the power for

recording the record information into said first recording layer, by recording the test information into a recording area located on a more outer side than the space area, out of the first calibration area, so that a plurality of area portions each having a predetermined size are sequentially used along the direction from the outer side to the inner side; and

a second calibrating device for calibrating the power for recording the record information into said second recording layer, by recording the test information into a recording area located on a more inner side than the space area other side which is opposite to the one side, centered on the space area, out of the second calibration area, so that a plurality of area portions each having a predetermined size are sequentially used along the direction from the inner side to the outer side, wherein,

(i) the first or second calibrating device operates, if the judging device judges that the first and second calibration areas have the space area having the predetermined size, and (ii) the first or second calibrating device does not operate, if the judging device judges that the first and second calibration areas do not have the space area having the predetermined size.

28. (new) The information recording apparatus according to claim 27, wherein,

said first calibrating device prepares first use condition information which indicates a recording condition of the test information in the first calibration area, and

said second calibrating device prepares second use condition information which indicates a recording condition of the

test information in the second calibration area.

29. (new) An information recording method of recording record information onto an information recording medium, the information recording medium comprising: (i) a first recording layer having a first calibration area in which test information for calibrating a power of laser light can be recorded; and (ii) a second recording layer having a second calibration area in which the test information can be recorded and which is located on a radial position where the first calibration area is located, said information recording method comprising:

a first recording process of recording the record information, along a direction from an inner circumferential side of the information recording medium to an outer circumferential side of the information recording medium, into the first recording layer;

a second recording process of recording the record information, along a direction from the outer circumferential side to the inner circumferential side, into the second recording layer;

a judging process of judging whether the first and second calibration areas have a space area having a predetermined size in positions facing each other;

a first calibrating process of calibrating the power for recording the record information into said first recording layer, by recording the test information into a recording area located on a more outer side than the space area, out of the first calibration area, so that a plurality of area portions each having a predetermined size are sequentially used along the direction

from the outer side to the inner side; and

a second calibrating process of calibrating the power for recording the record information into said second recording layer, by recording the test information into a recording area located on a more inner side than the space area other side which is opposite to the one side, centered on the space area, out of the second calibration area, so that a plurality of area portions each having a predetermined size are sequentially used along the direction from the inner side to the outer side, wherein

(i) the first or second calibrating process operates when the judging process judges that the first and second calibration areas have the space area having the predetermined size, and (ii) the first or second calibrating process does not operate when the judging process judges that the first and second calibration areas do not have the space area having the predetermined size.

30. (new) A combination, comprising:

an information recording medium; and

an information recording apparatus for recording record information onto the information recording medium,

the information recording medium comprising:

(i) a first recording layer having a first calibration area in which test information for calibrating a power of laser light can be recorded; and (ii) a second recording layer having a second calibration area in which the test information can be recorded and which is located on a radial position where the first calibration area is located, and

said information recording apparatus comprising:

a first recording device for recording the record information, along a direction from an inner circumferential side of the information recording medium to an outer circumferential side of the information recording medium, into the first recording layer;

a second recording device for recording the record information, along a direction from the outer circumferential side to the inner circumferential side, into the second recording layer;

a judging device for judging whether the first and second calibration areas have a space area having a predetermined size in positions facing each other;

a first calibrating device for calibrating the power for recording the record information into said first recording layer, by recording the test information into a recording area located on a more outer side than the space area, out of the first calibration area, so that a plurality of area portions each having a predetermined size are sequentially used along the direction from the outer side to the inner side; and

a second calibrating device for calibrating the power for recording the record information into said second recording layer, by recording the test information into a recording area located on a more inner side than the space area other side which is opposite to the one side, centered on the space area, out of the second calibration area, so that a plurality of area portions each having a predetermined size are sequentially used along the direction from the inner side to the outer side, wherein,

(i) the first or second calibrating device operates, if the judging device judges that the first and second calibration

areas have the space area having the predetermined size, and (ii) the first or second calibrating device does not operate, if the judging device judges that the first and second calibration areas do not have the space area having the predetermined size.

31. (new) The combination of claim 30, wherein,
said first calibrating device prepares first use
condition information which indicates a recording condition of the
test information in the first calibration area, and
said second calibrating device prepares second use
condition information which indicates a recording condition of the
test information in the second calibration area.